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IMPLEMENTATION OF THE SYSTEM OF NATIONAL ACCOUNTS, 1993 (1993 SNA)

Report by the Intersecretariat Working Group on National Accounts (Convener of the Task Force on National Accounts)

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I. INTRODUCTION

1. At its twenty-ninth session (10-14 February 1997), the Statistical Commission:[1]

(a) Commended the milestones defined by the Task Force as an appropriate tool for monitoring progress in the implementation of the System of National Accounts, 1993 (1993 SNA), and agreed with the proposal to present updated milestone assessments of countries regularly, including an analysis of changes occurring in milestone assessments over time (see background document);

(b) Formulated its priorities regarding the proposed medium-term implementation targets (see para. 22 below);

(c) Endorsed the proposed support system of the Task Force (see sect. II. below);

(d) Decided that 1999 should be the implementation date for the United Nations data questionnaire for national accounts (see para. 23 below);

(e) Agreed with the proposed work programme on functional classifications (see para. 26 below);

(f) Asked the Task Force to make concrete proposals for a process of updating the 1993 SNA, taking into account the needs for a streamlined process and for adequate consultation (see sect. I below).

2. Section I of the present report will introduce detailed proposals for an updating procedure for the 1993 SNA; four types of amendment, of increasing substantive complexity, are distinguished. Section II provides an integrated presentation of the work programme of the Intersecretariat Working Group on National Accounts (ISWGNA) in support of the SNA implementation, highlighting recent accomplishments and reviewing proposed priority areas for action. In a separate background document, prepared by the United Nations Statistics Division in cooperation with the regional commissions, an updated country-by-country milestone assessment and a brief analysis are presented.

II. UPDATING THE SYSTEM OF NATIONAL ACCOUNTS, 1993

3. Real changes take place continuously within economies. Furthermore, during the implementation of the 1993 SNA, inconsistencies between the various parts of the system, as well as ambiguities, may appear. Updating the 1993 SNA is therefore a necessity in order to maintain its relevance. ISWGNA has discussed how to handle amendments to the 1993 SNA effectively, and has come to the conclusion that there is a need for both continuous updating of the 1993 SNA at shorter intervals and global revisions at larger intervals. Whereas global revisions are necessary to address issues that affect the system as a whole in a fundamental way, continuous updating will allow the SNA to incorporate new developments faster, and also provides a way to introduce changes in an incremental manner. The procedures described below focus on that continuous updating process.

4. Unless significant new economic developments have taken place, issues of a controversial nature should not be reopened if a deliberate decision was taken during the course of the 1993 revision after substantial discussion within one of the expert groups or within ISWGNA. It will be the responsibility of the institutions that proposes to reopen such debates to show that such decisive developments have actually occurred.

5. In order for the updating process to be efficient and timely, it is suggested that the Statistical Commission delegate to ISWGNA the responsibility to decide on SNA amendments. In order for the process to be broadly based ISWGNA will be assisted by a panel of experts. Effective use of modern means of communication (E-mail, Internet etc.) will ensure a broad consultative process and at the same time substitute for costly formal expert group meetings. ISWGNA will brief the Statistical Commission and its Working Group regularly on both adopted amendments and amendments under consideration.

A. Typology of amendments

6. In the present section, ISWGNA proposes to distinguish four types of amendment to the current SNA, ranked by increasing substantive complexity. Furthermore, an appropriate updating procedure for each type is suggested (see also table 1). Publication methods for approved amendments are also briefly discussed.

7. In principle, anybody may initiate the review process by proposing an amendment; however, individual national accountants and/or country offices are strongly encouraged to discuss and pre-screen proposed amendments by using such mechanisms as appropriate regional expert groups to the extent possible. ISWGNA will then receive, review and categorize proposals and start the updating process.

1. Editorial amendments

8. Editorial amendments refer to wording errors, apparent contradictions or translation errors in the non-English versions etc. Their main characteristic is that their correction will affect neither concepts nor the structure of the system and the tables therein. ISWGNA will discuss and decide on the final version, which will be published as an errata sheet.

2. Clarification beyond dispute

9. This type of amendment would arise when a new economic situation has emerged, or a situation that was negligible when the 1993 SNA was designed but has since grown considerably in importance.

10. ISWGNA will provide explanations, as needed, in order to arrive at unambiguous interpretations of existing SNA rules. It is important in that context to establish clearly that there is no conceptual issue concealed within the clarification.

3. Interpretation

11. As under "Clarification beyond dispute", new economic situations may have emerged. However, their treatment in national accounts may not be clear. In such situations, various solutions on how to treat the phenomenon in question in national accounting may be put forward, indicating that there seems to be room for different interpretations of 1993 SNA rules.

12. In that case, ISWGNA, assisted by the panel of experts, will draft a preliminary text that will be sent to working parties and regional panels of experts. ISWGNA will then make the final decision on the appropriate interpretation.

4. Change

13. Due to changes in the macroeconomic environment, some of the basic concepts in the 1993 SNA may become irrelevant and may even result in figures that might mislead users. In that case, relevant parts of the SNA text will have to be substantially rewritten to reflect those changes.

14. As under "Interpretation", ISWGNA, in close consultation with the panel of experts, will prepare a text that will be disseminated widely, including to all national statistical agencies. If a broad consensus emerges from that process of consultation, ISWGNA will decide on a change in the SNA concepts and rules.

B. Publishing amendments

15. Once amendments have been agreed to, an official booklet detailing the changes (i.e., the SNA paragraphs affected) and providing a brief explanatory text will be published in all official United Nations languages and disseminated widely. ISWGNA recommends that the text of such amendments be posted on the Internet, preferably the complete revised SNA text. The newsletter SNA News and Notes will be used to announce amendments. Reprints of the integral SNA text and a reissuance of the SNA CD-ROM will be added, as resources permit.

16. Booklets of less than 100 pages published at intervals no shorter than two years (according to amendments actually approved) may be accommodated within the United Nations Statistics Division publication budget. For other costs related to the updating process, such as the organization of expert group meetings, funding will be sought from ISWGNA members.

III. INTEGRATED PRESENTATION OF WORK PROGRAMMES IN SUPPORT OF IMPLEMENTATION

17. Tables 2 and 3 provide an integrated presentation of the work programme of ISWGNA members in support of SNA implementation in the standard format used in previous ISWGNA reports: table 2 contains a complete enumeration of manuals and other support materials; table 3 lists meetings and research activities held

since the eighteenth session of the Working Group (April 1996-October 1997) and planned for the near future. Some highlights are set out below.

18. With regard to the SNA translations, it is expected that by February 1998 all language versions of the 1993 SNA will have been published. In addition to the printed 1993 SNA, the CD-ROM produced by the United Nations Statistics Division has been widely disseminated.

19. The two annual issues of SNA News and Notes are now translated into Spanish, French and Russian, and approximately 4,000 copies are distributed worldwide. SNA News and Notes has become a well-known forum for conceptual debate and exchange of experience; it is also posted on the Internet, offering an e-mail address to facilitate dialogue among national accountants and with users.[2]

20. In terms of handbooks and other support material, the United Nations Statistics Division published a handbook on the use of the system of national accounts in economies in transition. The International Monetary Fund (IMF) will issue a manual on monetary and financial statistics by December 1997, and the Statistical Office of the European Union (Eurostat) will publish a handbook on quarterly accounts. The Statistics Division will cooperate with Johns Hopkins University to prepare a handbook on non-profit institutions.

21. Regional workshops, which in the initial phase of SNA implementation tended to generally introduce the 1993 SNA, are now becoming more topic-oriented, reflecting regional priorities. Three examples are a workshop on informal sector statistics (12-16 May 1997) jointly organized by the Economic Commission for Asia and the Pacific, the United Nations Statistics Division and the International Labour Organization; an Economic Commission for Africa regional seminar on public sector accounts (27-31 October 1997); and a course hosted by the Economic Commission for Latin America and the Caribbean on sustainable and human development concepts, macroeconomic modelling, environmental accounts and systems of social indicators, consistent with the recommendations of the 1993 SNA. In addition to those specialized events, an increasing number of statistical training institutes around the world are now offering regular courses on the 1993 SNA.

22. All agencies have launched technical cooperation activities to support SNA implementation at the country level. In response to the priorities expressed by the Statistical Commission, countries who currently have a weak national accounts infrastructure are being particularly targeted. For instance, the United Nations Statistics Division is promoting subregional cooperation in selected country groups by supporting technical cooperation programmes in the Caribbean together with the Caribbean Community; in West Africa together with the British Overseas Development Agency and the French national statistical office; and in Portuguese-speaking African countries together with the Portuguese statistical office and Eurostat.

23. With regard to international data collection and publication according to the 1993 SNA guidelines, the Organisation for Economic Cooperation and Development (OECD) is preparing a glossary of SNA terms for its annual publication. The glossary will greatly facilitate the work of the United

Nations Statistics Division on the booklet of instructions and definitions and definitions that will accompany the Division's new national accounts questionnaire, to be implemented in 1999.

24. ISWGA has also conducted a major review of its research agenda, drawing distinction between issues that have already been listed in the 1993 SNA and issues that emerged only later. A status report was printed in SNA News and Notes, No. 6 (July 1997). For instance, the work undertaken by Eurostat on financial intermediation services indirectly measured has matured to a point where that topic is a candidate to be included in forthcoming updates of the 1993 SNA.

25. Rapid development in financial markets has made the treatment of financial derivatives a prime candidate for an update in the 1993 SNA. Following the recommendations of an expert group on monetary and financial statistics, a concrete proposal has been put forward by IMF on how to amend the 1993 SNA in that regard (see background document).

26. Concerning the development of the classifications of expenditures by purpose, which in the 1993 SNA are referred to as functional classifications, a joint OECD/Eurostat/Economic Commission for Europe national accounts meeting held in June 1997 has reviewed drafts of all four classifications. Subsequently, the draft classification of outlays of producers by purpose prepared by the United Nations Statistics Division has been circulated worldwide for comments. A final draft of the classification of the functions of government (COFOG) prepared by OECD has also been circulated worldwide. The classification of individual consumption by purpose has been finalized by OECD. The classification of the purposes of non-profit institutions serving households will be finalized by OECD at the same time as COFOG. In accordance with the decision of the Statistical Commission, the classifications will be circulated as technical material as they become available. A complete set of all functional classifications will be presented to the Statistical Commission at its thirtieth session for approval and subsequent publication.

IV. POINTS FOR DISCUSSION

27. The Working Group may wish to discuss the following points:

(a) Does the Working Group agree with the proposed process for updating the 1993 SNA?

(b) Does the Working Group agree with the elements of the proposed support system for SNA implementation?

Notes

[1] See Official records of the Economic and Social Council, 1997, Supplement No. 4 (E/1997/24), para. 46.

[2] World Wide Web site:
http://www.un.org/Depts/unsd
e-mail address:
sna@un.org

Table 1

Updating the 1993 SNA

Stage of handling	Editorial amendment	Clarification beyond dispute	Interpretation	Change
Proposal	ISWGNA reviews the proposed amendment and classifies it			
Preliminary drafting	ISWGNA	ISWGNA	ISWGNA assisted by a panel of experts	ISWGNA assisted by a panel of experts
1st discussion			Working parties or regional panels of experts	Working parties or regional panels of experts
2nd discussion			Working parties or regional panels of experts	National statistical offices in all regions
Final drafting			ISWGNA assisted by a panel of experts	ISWGNA assisted by a panel of experts
Publication	Errata sheet	SNA News and Notes, then periodic booklet	SNA News and Notes, then periodic booklet	SNA news and notes, then periodic booklet

Table 2

Manuals, handbooks and supporting materials for SNA implementation prepared or being prepared by member organizations of the Intersecretariat Working Group on National Accounts

Manuals, handbooks, compilation manuals and software in support of national accounts compilation	Responsible ISWGNA member organization	Status	Date of publication/ issue
1. Guidebook to Statistics on the Hidden Economy	ECE	Published	1992
2. Balance of Payments Manual	IMF	Published	September 1993
3. Handbook on Integrated Environmental and Economic Accounting	UNSD	Published	December 1993
4. Balance of Payments Compilation Guide	IMF	Published	December 1994
5. "An approach to presenting the 1993 SNA, with an operational application"	ESCWA	Published	December 1994
6. Manual on the 1993 SNA compared to the 1968 SNA	ESCWA	Published	December 1994
7. Environmental Accounting: An Operational Perspective. DESIPA Working Paper No. 1	UNSD	Published	1994
8. Selected methodological papers on the European Comparison Programme (ECP) from group II workshop	OECD	Published	1995
9. Integrated Satellite Accounting, Socio-economic Concerns and Modelling. DESIPA Working Paper No. 10	UNSD	Published	1995
10. A Systems Approach to National Accounts Compilation: UNSD's Experiences in Implementing the SNA. DESIPA Working Paper No. 9	UNSD	Published	1995
11. Balance of Payments Textbook	IMF	Published	1995
12. Handbook on Regional Accounts	Eurostat		
Vol. 1. Gross Value Added and Consumption of Fixed Capital by Activity		Published in nine languages	1995
Vol. 2. Household Accounts		Published in eight languages (Greek in preparation)	1996
Vol. 3. Government Accounts		In preparation	1998
13. Handbook on Methods Used by OECD Member Countries to Measure Value Added in Service Activities at Constant Prices	OECD	Published	February 1996
14. Quarterly National Accounts: Sources and Methods Used by OECD Member Countries	OECD	Published	May 1996

Manuals, handbooks, compilation manuals and software in support of national accounts compilation	Responsible ISWGNA member organization	Status	Date of publication/ issue
15. CD-ROM version of the 1993 SNA	UNSD	Published	May 1996
16. Revision of the Arabic translation of the 1993 SNA	ESCWA/UNSD	Published	June 1996
17. Revision of the Chinese translation of the 1993 SNA	UNSD	Published	September 1996
18. ESA 1995 (official languages)	Eurostat	Published	October 1996
19. CD-ROM version of ESA 1995 (11 official languages)	Eurostat	Published	November 1996
20. Handbook on Inflation Accounting	OECD	Published	November 1996
21. Handbook on SNA for Transition Economies	UNSD	Published	May 1997
22. Revision of the French translation of the 1993 SNA, in cooperation with INSEE	Eurostat	Submitted to the United Nations for printing	October 1997
23. Revision of the Spanish translation of the 1993 SNA, in cooperation with INE and UNSD	ECLAC	Completed by INE and ECLAC; submitted to the United Nations for typesetting and printing	December 1997
24. Revision of the Russian translation of the 1993 SNA	IMF	Completed in October 1995 and sent for review to Goskomstat and CIS Statistical Committee; to be submitted to the United Nations for printing	Early 1998
25. Manual on monetary and financial statistics	IMF	Draft discussed by Expert Group in November 1996; submitted for publication	December 1997
26. Handbook on quarterly accounts	Eurostat	Discussed during 1997	End-1997
27. Technical report: a systems approach to national accounts compilation	UNSD	Submitted for publication end-1997	1998
28. Handbook on input-output	UNSD	Submitted for publication October 1997	1998
29. Revision of COICOP	OECD	Final draft circulated for comments in early 1996; discussed at UNECE/OECD/ Eurostat meeting on National Accounts 1997	1998
30. Revision of COFOG	OECD	Complete draft will be circulated in November 1997	1998
31. Revision of COPNI	OECD	Draft circulated in November 1996; will be finalized together with COFOG	1998

Manuals, handbooks, compilation manuals and software in support of national accounts compilation	Responsible ISWGNA member organization	Status	Date of publication/ issue
32. Further development of COPP	UNSD	Draft circulated in September 1997	1998
33. Development of a revised international questionnaire based on the 1993 SNA	Eurostat, OECD and UNSD	Ongoing	
34. Handbook on the links between SNA and business accounting standards	UNSD	Submitted for publication in December 1997	1998
35. Technical report on household satellite accounts	UNSD	Submitted for publication in December 1997	1998
36. Compendium on uses of SNA and satellite accounts	UNSD	To be discussed at an expert group meeting in June 1998	1999
37. Handbook on the non-profit institutions, in cooperation with Johns Hopkins University	UNSd	Work to start 1998	2000
38. Manual on Government Financial Statistics: revision of the 1986 Manual	IMF	Annotated outline circulated for comments in September 1996; work to be done in 1997-1998	

List of acronyms used in the table

CIS	Commonwealth of Independent States
COFOG	Classification of the functions of the Government
COICOP	Classification of individual consumption by purpose
COPP	Classification of producers by purpose
COPNI	Classification of the purposes of non-profit institutions serving households
DESIPA	Former Department for Economic and Social Information and Policy Analysis of the United Nations Secretariat
ECA	Economic Commission for Africa
ECE	Economic Commission for Europe
ECLAC	Economic Commission for Latin America and the Caribbean
EEA	European Economic Area
ESA	European System of Integrated Economic Accounts
ESCAP	Economic and Social Commission for Asia and the Pacific
ESCWA	Economic and Social Commission for Western Asia
EU	European Union
Eurostat	Statistical Office of the European Communities
FISIM	Financial intermediation services indirectly measured
GDP	Gross domestic product
GNP	Gross national product
Goskomstat	State Committee on Statistics (Russian Federation)
IARIW	International Association for Research in Income and Wealth
ICP	International Comparison Programme
ILO	International Labour Organization
IMF	International Monetary Fund
INE	Instituto Nacional de Estadística (Spain)
INSEE	Institut national de la statistique et des études économiques (France)
OECD	Organisation for Economic Cooperation and Development
PACS	Pre-accession countries
TES	Training of European statisticians
UNSD	United Nations Statistics Division

Table 3

Summary of SNA-related activities of member organizations of the Intersecretariat Working Group on National Accounts

ISWGNA member organization	I Meetings, training seminars and workshops, ad hoc and programmed courses in national accounts and related subjects, and training materials for use in such activities	II Research activities designed to solve conceptual and practical problems in implementing the 1993 SNA
	A. International organizations	
1. Eurostat	(a) Training courses on national accounts statistics in practice (14-25 October 1996 and 26 May-6 June 1997)	(a) Examination of the allocation of FISIM in the revised ESA (1995-1997)
	(b) Series of meetings of the Eurostat Directorate on Economic and Monetary Statistics	(b) Examination of methodologies and country practices to produce "green national accounting"
	(c) Training of European statisticians in regional accounts (13-15 October 1997)	(c) Proposal of a work programme on the exhaustiveness of national accounts (1995-1998)
	(d) Joint Eurostat/OECD/ECE meetings on national accounts (Geneva, 30 April-3 May 1996; Paris, 3-6 June 1997 and 22-25 September 1998)	(d) Examination of methods used to compile accounts of member States as part of implementing the GNP Directive (1994-1998)
	(e) TES course on ESA 1995, sector accounts (Luxembourg, 17-19 November 1997)	(e) Set-up of a programme measuring the progress made in implementing ESA 1995 throughout Europe (EU, EEA and PACs) (ongoing)

ISWGNA member organization	I Meetings, training seminars and workshops, ad hoc and programmed courses in national accounts and related subjects, and training materials for use in such activities	II Research activities designed to solve conceptual and practical problems in implementing the 1993 SNA
	(f) Convening of a task force on the price and volume measurement in the revised ESA (October 1996)	(f) Continued research on consumer subsidies (1997)
	(g) Convening of a task force on intangible assets in the revised ESA (July 1997)	(g) Continued examination on the revision of COICOP/COFOG
		(h) Cooperation with pre-accession countries on the implementation of ESA 1995 and quality measurement of national accounts estimates (ongoing)
		(i) Work programme entitled "Regional GDP figures for candidate countries"
		(j) Set-up of a programme on price and volume measurement in the revised ESA (1997)
2. IMF	(a) National Accounts course on concepts and practical implementation of the 1993 SNA (annual: second course, November-December 1996; third course, 1997 at the Joint Vienna Institute)	(a) Harmonization of the IMF statistical systems with the System of National Accounts 1993. Study prepared for 1994 General Conference of the International Association for Research in Income and Wealth
	(b) Macroeconomic statistics for users: course for countries in transition on links between national accounts and balance-of-payments, government finance and monetary statistics (annual: four-week duration)	(b) Other studies on technical and conceptual issues, including implications for improving national accounts along areas of technical work being carried out on producer and consumer prices

ISWGNA member organization	I Meetings, training seminars and workshops, ad hoc and programmed courses in national accounts and related subjects, and training materials for use in such activities	II Research activities designed to solve conceptual and practical problems in implementing the 1993 SNA
	(c) Regular courses on balance-of-payments, government finance and monetary statistics that include sections on national accounts and the links between those specialized statistical systems and national accounts	(c) Study on relationships between measurement of FISIM and weighted money measures
3. OECD	(a) Joint OECD/ECE/Eurostat meetings on national accounts (Geneva, 30 April-3 May 1996; Paris, 3-6 June 1997; and 22-25 September 1998)	(a) Research project on the evaluation of household production within a national accounting framework, which would include drawing up recommendations for standard classifications and accounts (1995-1996)
	(b) Joint OECD/ECE meeting of CIS national accounts experts (Geneva, 20-24 October 1997)	(b) Continued research to elaborate possible methodologies for treating effects of environmental depletion and degradation within the framework of the 1993 SNA
	(c) Joint OECD/ESCAP meeting on national accounts (Bangkok, 4-8 May 1998)	
	(d) Capital stock conference (second meeting of the "Canberra Group"; Paris, 24-28 September 1998)	
	(e) OECD national accounts training courses for CIS countries (Paris, December 1996 and March 1997)	

ISWGNA member organization	I Meetings, training seminars and workshops, ad hoc and programmed courses in national accounts and related subjects, and training materials for use in such activities	II Research activities designed to solve conceptual and practical problems in implementing the 1993 SNA
4. UNSD	(a) Expert group meeting on links between business and national accounts (New York, 18-22 August 1997)	(a) Links between business and national accounts
	(b) Expert group meetings on international economic and social classifications (New York, 24-26 June 1996; 1-3 December 1997)	(b) Ongoing research work on household satellite accounting, including human resources accounting
	(c) Expert group meeting on household satellite accounting (New York, 6-10 October 1997)	(c) Joint UNSD/Eurostat study on the development of a conceptual framework for economic and social classifications, to be presented at the second meeting of the Expert Group on International Classifications (New York, June 1996)
	(d) UNSD/ECA workshop on statistics on services in the informal sector for African countries (Addis Ababa, 17-21 June 1996)	(d) Work on revision and further development of COPP
	(e) UNSD/ESCAP/ILO workshop on statistics on the informal sector (Bangkok, 12-16 May 1997)	(e) Development of national accounts compilation methodologies with computer support
	(f) Expert group meeting on uses of national accounts (New York, June 1998)	(f) Study of uses of national accounts
		(g) Joint project with Johns Hopkins University to study non-profit institutions

ISWGNA member organization	I Meetings, training seminars and workshops, ad hoc and programmed courses in national accounts and related subjects, and training materials for use in such activities	II Research activities designed to solve conceptual and practical problems in implementing the 1993 SNA
5. World Bank	(a) Seminar on problems in the countries of the former USSR in moving to the 1993 SNA (Washington, D.C., November 1997) (b) Course for country economists on national accounts and associated projection and data consistency models, Washington, D.C. (c) Special programme for State Planning Commission of China on national accounts and related issues (May 1996) (d) Joint World Bank/UNSD seminar on integrated environmental and economic accounting (Jakarta, September 1996) (e) Joint World Bank/UNSD seminar on the implementation of the new SNA in South Africa (November 1996)	(a) Continued support for the ICP initiative (b) Preparation of training manual for use within the World Bank on the integration of environmental concerns with the SNA (c) Review of macro-gaps associated with activities of the informal and hidden sectors of the economy (d) Distribution of GNP/GDP by households and measurement of poverty

ISWGNA member organization	I Meetings, training seminars and workshops, ad hoc and programmed courses in national accounts and related subjects, and training materials for use in such activities	II Research activities designed to solve conceptual and practical problems in implementing the 1993 SNA
	B. Regional commissions	
6. ECA	(a) Subregional workshop on 1993 SNA implementation for northern African countries (planned by the ECA multidisciplinary Regional Advisory Group under the United Nations regular programme for technical cooperation, Tangier, 14-18 October 1996) (b) Workshop on 1993 SNA implementation for French-speaking African countries (Addis Ababa, 14-18 October 1996) (c) Workshop on compilation of public sector accounts in the framework of the 1993 SNA (bilingual, 27-31 October 1997)	
7. ECE	(a) Joint ECE/Eurostat/OECD meetings on national accounts (Geneva, 30 April-3 May 1996; Paris, 3-6 June 1997 and 22-25 September 1998) (b) Joint OECD/ECE meeting of national accounts experts from CIS countries (Geneva, 20-24 October 1997)	(a) Project on capital stock for transition economies case studies during 1998 examining methods currently used; develop improved methods of estimation (b) Continued support for the European Comparison Project within the ICP project of the United Nations (c) Organizing a session on the specific conceptual and practical accounting problems of countries in transition at the Conference of IARIW (Norway, 18-24 August 1996 and Cambridge, United Kingdom, August 1998)

ISWGNA member organization	I Meetings, training seminars and workshops, ad hoc and programmed courses in national accounts and related subjects, and training materials for use in such activities	II Research activities designed to solve conceptual and practical problems in implementing the 1993 SNA
8. ECLAC	(a) Working group meeting on standards for the valuation of the implementation of the 1993 SNA in countries (Santiago, May 1997)	(a) Country surveys on sources of basic statistics and national accounts (1995)
	(b) Latin American seminar on national accounts (Centro de Estudios Monetarios Centroamericanos, sponsored by the Government of Argentina; Buenos Aires, 20-24 October 1997)	(b) Second survey on progress in the implementation of the 1993 SNA (September-October 1996)
	(c) Refresher course on sustainable and human development concepts, macroeconomic modelling, environmental accounts and systems of social indicators, consistent with the 1993 SNA, Institute of Social Studies of the Netherlands/ECLAC (Santiago, 1-13 December 1997)	(c) Third survey on progress in the implementation of the 1993 SNA (August-September 1997)
	(d) Training workshops on introduction to the 1993 SNA (Panama, 30 September-1 November 1996)	
9. ESCAP	(a) Workshops to review ICP data inputs (Beijing, 16-20 June 1997)	(a) Continued support for the International Comparison Programme, Phase VI, in the Asia and Pacific region, for reference year 1999, in cooperation with the World Bank and OECD

ISWGNA member organization	I Meetings, training seminars and workshops, ad hoc and programmed courses in national accounts and related subjects, and training materials for use in such activities	II Research activities designed to solve conceptual and practical problems in implementing the 1993 SNA
	(b) ESCAP/UNSD/ILO workshop on Statistics on the Informal Sector, (Bangkok, 12-16 May 1997)	
	(c) Subregional workshop on SNA, (Jakarta, 12 days in March 1998)	
	(d) ESCAP/OECD meeting on national accounts: the 1993 SNA five years on (Bangkok, 4-8 May 1998)	
	(e) Subregional workshop on the SNA (Beijing, 12 days in October 1998)	
10. ESCWA	National training courses on concepts and data requirements of the 1993 SNA (Egypt, September 1996; Syrian Arab Republic, July 1996)	

Note: For the meaning of acronyms used in the table, see list at foot of table 2.